```
=>

---Logging off of STN---


=>
Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS                        SINCE FILE      TOTAL
                                               ENTRY      SESSION
FULL ESTIMATED COST                            10.68       179.19

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)  SINCE FILE      TOTAL
                                               ENTRY      SESSION
CA SUBSCRIBER PRICE                            -1.50        -1.50

STN INTERNATIONAL LOGOFF AT 09:26:03 ON 15 JAN 2006
```

Connecting via Winsock to STN

Welcome to STN International!   Enter x:x

LOGINID:SSPTAYLC1626

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * *   Welcome to STN International   * * * * * * * * * *

    NEWS 1   Web Page URLs for STN Seminar Schedule - N. America
    NEWS 2   "Ask CAS" for self-help around the clock
    NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available
    NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE
    NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
    NEWS 6 DEC 14 CA/CAplus to be enhanced with updated IPC codes
    NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAplus with the
                        IPC reform
    NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
                        USPAT2
    NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
    NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
                        INPADOC

    NEWS EXPRESS   JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,
                      CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
                      AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
                      V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT
                      http://download.cas.org/express/v8.0-Discover/

    NEWS HOURS   STN Operating Hours Plus Help Desk Availability
    NEWS INTER   General Internet Information
    NEWS LOGIN   Welcome Banner and News Items
    NEWS PHONE   Direct Dial and Telecommunication Network Access to STN
    NEWS WWW   CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement. Please note that this agreement limits use to scientific
  research. Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

    * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 09:23:13 ON 15 JAN 2006

=> file registry
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                          ENTRY   SESSION
FULL ESTIMATED COST   0.21   0.21

FILE 'REGISTRY' ENTERED AT 09:23:28 ON 15 JAN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 13 JAN 2006   HIGHEST RN 871978-06-2
DICTIONARY FILE UPDATES: 13 JAN 2006   HIGHEST RN 871978-06-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

****
*   *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005. A new display format, IDERL, is now   *
* available and contains the CA role and document type information. *
*   *
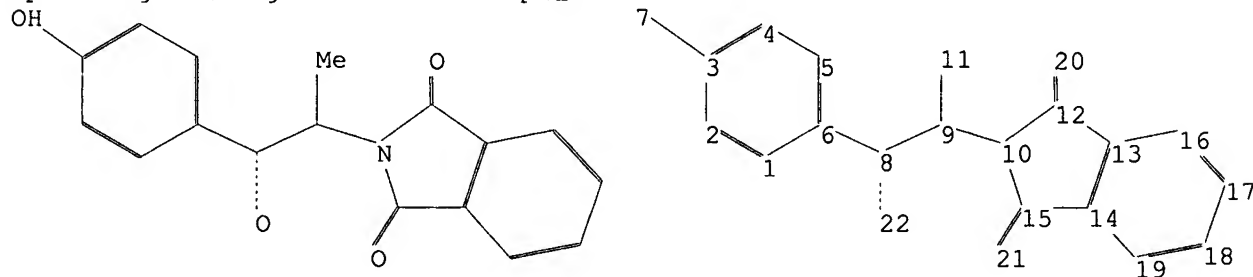***

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10520426\10520426a.str

chain nodes :
7 8 9 11 20 21 22
ring nodes :
1 2 3 4 5 6 10 12 13 14 15 16 17 18 19
chain bonds :
3-7 6-8 8-9 8-22 9-10 9-11 12-20 15-21
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 10-12 10-15 12-13 13-14 13-16 14-15 14-19
16-17 17-18 18-19
exact/norm bonds :
3-7 8-22 9-10 10-12 10-15 12-13 12-20 14-15 15-21
exact bonds :
6-8 8-9 9-11
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 13-14 13-16 14-19 16-17 17-18 18-19
isolated ring systems :
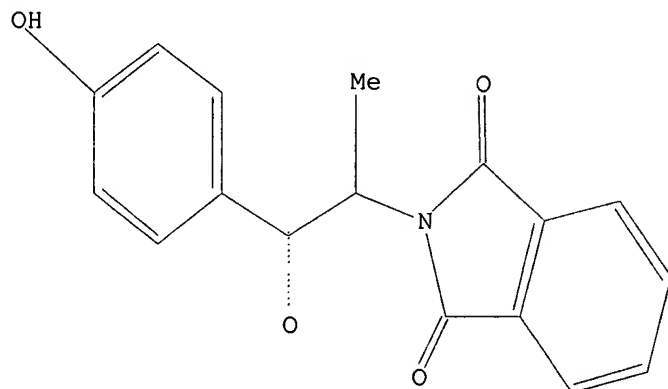containing 1 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:Atom
11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:CLASS 21:CLASS 22:CLASS

L1   STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1   STR

Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 09:24:02 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   213 TO ITERATE

100.0% PROCESSED   213 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 3385 TO   5135
PROJECTED ANSWERS: 0 TO   0

L2   0 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 09:24:17 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   4512 TO ITERATE

100.0% PROCESSED   4512 ITERATIONS   4 ANSWERS
SEARCH TIME: 00.00.01

L3   4 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                              ENTRY   SESSION
FULL ESTIMATED COST   167.38   167.59

FILE 'CAPLUS' ENTERED AT 09:24:26 ON 15 JAN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

FILE COVERS 1907 - 15 Jan 2006 VOL 144 ISS 4
FILE LAST UPDATED: 13 Jan 2006 (20060113/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> d ibib abs hitstr tot
YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:n

=> file caplus
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                ENTRY   SESSION
FULL ESTIMATED COST   0.92   168.51

FILE 'CAPLUS' ENTERED AT 09:25:24 ON 15 JAN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1907 - 15 Jan 2006 VOL 144 ISS 4
FILE LAST UPDATED: 13 Jan 2006 (20060113/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html
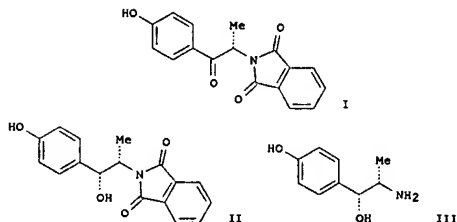
=> s 13
L4   2 L3

=> d ibib abs hitstr tot
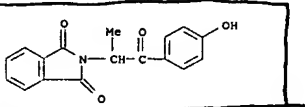
L4   ANSWER 1 OF 2   CAPLUS   COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:41438 CAPLUS
DOCUMENT NUMBER: 140:111274
TITLE: Process for preparation of phthalimidophenol
                        derivatives
INVENTOR(S):   Yamaguchi, Toshiaki; Ban, Masaaki; Yanagi, Takashi;
                        Kikuchi, Ken; Kubota, Minoru; Ozawa, Tetsuji
PATENT ASSIGNEE(S):   Kissei Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 17 pp.
                        CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004005251	A1	20040115	WO 2003-JP8085	20030626

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
    CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
    GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS,
    LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG,
    PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,
    TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
    KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
    FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
    BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

| CA 2491020 | AA | 20040115 | CA 2003-2491020 | 20030626 |
| EP 1541555 | A1 | 20050615 | EP 2003-762864 | 20030626 |

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
    IE, SI, LT, LV, FI, RO, MX, CY, AL, TR, BG, CZ, EE, HU, SK

| US 2005209486 | A1 | 20050922 | US 2005-520426 | 20050107 |

PRIORITY APPLN. INFO.:   JP 2002-199311   A 20020708

                                               WO 2003-JP8085   W 20030626

GI

I

II

III

L4   ANSWER 1 OF 2   CAPLUS   COPYRIGHT 2006 ACS on STN   (Continued)
AB   This invention pertains to a method for producing novel phenol derivs.
      with formula of I, II, and III. For example, I was prepared starting
from
      (S)-2-phthalimidopropionic acid and anisole in PhCl in the presence of
      SOCl2 and AlCl3 in 53.6% yield with 99.9% e.e. I was hydrogenated with
H2
      in MeOH in the presence of 10% Pd/C to give II (57%) with 100% e.e. II
      was treated with MeNH2 in MeOH to afford III (54%) with 100% e.e. The
      compds. I-III are useful as intermediates for various medicines.
IT   646037-20-9P 646037-21-0P
      RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
      (Reactant or reagent)
         (preparation of phthalimidophenol derivs.)
RN   646037-20-9   CAPLUS
CN   1H-Isoindole-1,3(2H)-dione, 2-[(1S)-2-(4-hydroxyphenyl)-1-methyl-2-
      oxoethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN   646037-21-0   CAPLUS
CN   1H-Isoindole-1,3(2H)-dione, 2-[(1S,2R)-2-hydroxy-2-(4-hydroxyphenyl)-1-
      methylethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

REFERENCE COUNT: 21   THERE ARE 21 CITED REFERENCES AVAILABLE FOR
THIS
                              RECORD. ALL CITATIONS AVAILABLE IN THE RE
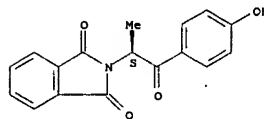
FORMAT

L4   ANSWER 2 OF 2   CAPLUS   COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1968:443560 CAPLUS
DOCUMENT NUMBER: 69:43560
TITLE: Thyronine- and thyroxine-like amino alcohols. III
AUTHOR(S):   Mueller, H. K.; Rieck, G.
CORPORATE SOURCE: Tech. Hochsch. Otto Von Guericke, Magdeburg, Fed.
Rep.
                        Ger.
SOURCE: Archiv der Pharmazie und Berichte der Deutschen
                        Pharmazeutischen Gesellschaft (1968), 301(2), 161-7
                        CODEN: APBDAJ; ISSN: 0376-0367
DOCUMENT TYPE: Journal
LANGUAGE: German
OTHER SOURCE(S):   CASREACT 69:43560
GI   For diagram(s), see printed CA Issue.
AB   I (R = Cl, 7.04 g.) was treated with 4.6 g. di-tert-Bu methylmalonate and
      NaH in C6H6 1 hr. under reflux, followed by saponification with 0.3 g.
      p-MeC6H4SO3H to give 42.5% I (R = Et) (II), m. 111-13°. II (6.93
      g.) was brominated to give 84% I (R = CHBrMe) (III), m. 110-12°.
      On treatment with K phthalimide at 50° III formed 26.2% I (R =
      (α-phthalimido)-ethyl), m. 131-3°. p-MeOC6H4COCHBrMe (24.3
      g.) was treated with K phthalimide to give 91.5% p-MeOC6H4COCHR'Me (R' =
      phthalimid) (IV), m. 130-1°. IV was heated to 210° 4 hrs.
      with pyridine hydrochloride to give 79% p-HOC6H4COCHR'Me (R' =
      phthalimido), m. 180-1°, which was nitrated at room temperature to give
      75% 3,5,4-(O2N)2(HO)C6H2COCHR'Me (V), m. 165-6°. On treatment with
      POCl3 V gave 98% 3,54-(O2N)2ClC6H2COCHR'Me (VI), m. 192-3.5°. VI
      was condensed with p-MeOC6H4OH in pyridine 48 hrs. to give 90% I
      (R-(α-phthalimido)ethyl] (VII), m. 134-6°. On reduction with
      Pd/C followed by diazotization and treatment with iodine and NaI, VII
gave
      30% 3,5,4-I2(p-MeOC6H4O)C6H2COCHR'Me, m. 188-8.5°, which was
      reduced with iso-PrOH and (iso-PrO)3Al to give 67% 3,5,4-I2(p-
      MeOC6H4O)C6H2C(OH)CHR'Me m. 225-6°. Treatment of
      3,5,4(O2N)2(HO)C6H4COCHR'Me or 4-(O2N)2ClC6H4COCHR'Me with hydroquinone
      gave 3,5,4-(O2N)2(p-HOC6H4O)C6H2COCHR'Me (VIII) m. 204-5° in 76.3
      and 71.5% yield, resp. VIII was converted to 32% 3,5,4-I2(p-
      HOC6H4O)C6H2COCHR'Me, m. 213-15°, by reduction, diazotization and
      treatment with iodine and NaI.
IT   19427-12-4P 19427-13-5P
      RL: SPN (Synthetic preparation); PREP (Preparation)
         (preparation of)
RN   19427-12-4   CAPLUS
CN   Phthalimide, N-(p-hydroxy-α-methylphenacyl)-, DL- (8CI) (CA INDEX
      NAME)

RN   19427-13-5   CAPLUS
CN   Phthalimide, N-(4-hydroxy-α-methyl-3,5-dinitrophenacyl)-, DL- (8CI)
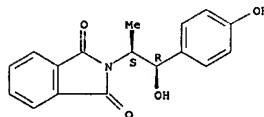   (CA INDEX NAME)

L4   ANSWER 2 OF 2   CAPLUS   COPYRIGHT 2006 ACS on STN   (Continued)